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(71)Applicant : IG TECH RES INC

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(54) SWITCH

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a switch easy to find and operate by arranging a surface light-emitting body consuming less power on the surface of at least a part of a frame body to illuminate a large area.

SOLUTION: A frame body C surrounds a button D, and in the surface of at least a part thereof luminescent body E is buried to have an integrated formation. The luminescent body E is in a thin film surface shape for making optical radiation while sparing electric power, and by being arranged on the entire surface of the frame body C to make optical radiation, the presence of a switch A is emphasized and also an operator can easily grasp the feeling on a distance owing to optical radiation on a plane surface. The luminescent body E senses, by means of a sensor, etc., environmental darkness taking place at the time of door opening in a chamber or person approaching in the vicinity, and makes optical radiation. The luminescent body E eliminates its lighting during a period of brightness, when an indoor electric bulb is lighted, when there is no person in the vicinity or in a midnight. Electro-luminescence is used for the luminescent body E, and for instance, an anode, an organic compound film are formed on the substrate made of non alkaline glass, and poly-urethane protective film is formed on an anode so as to be used.

